



**“A Training Complex for Complex
Terrain”**
Fiscal Year 2011
Course & Training
Program Catalog

Purpose: To convey detailed information on the Marine Corps Mountain Warfare Training Center's mission, formal schools courses and unit training programs.

UNCLASSIFIED



Marine Corps Mountain Warfare Training Center

Pickel Meadow, California

Premier DOD-unique training center that integrates 54K acres of **complex, compartmentalized, mountainous terrain & high-altitude** training between 7-11K.



Terrain, weather & altitude **challenge MAGTF elements in the conduct of operations across the six (6) warfighting functions.**

UNCLASSIFIED



Mission

The Marine Corps Mountain Warfare Training Center, as a major subordinate element of Marine Air Ground Task Force Training Command, and with support from Marine Corps Installations - West, **conducts unit and individual training courses to prepare USMC, Joint, and Allied Forces for operations in mountainous, high altitude and cold weather environments in support of the Regional Combatant Commanders**. Additionally, MCMWTC provides support to Marine Corps Combat Development Command; Training and Education Command; Marine Corps Systems Command; and other USMC and DOD agencies engaged in the development of warfighting doctrine and specialized equipment for use in mountain and cold weather operations.

“First, the MAGTF’s effectiveness in complex terrain must be qualitatively improved.”

Gen James T. Conway, Commandant of the Marine Corps, Marine Corps Vision and Strategy 2025, June 2008

UNCLASSIFIED



Marine Corps Task

1.6.9

Conduct Mountain Warfare Operations

Definition: To conduct combat operations as a component of a MAGTF or other task force in mountainous, high altitude, and cold weather environments. The complex, compartmentalized nature of mountainous terrain changes the fundamental nature of tasks, techniques and procedures across all six of the warfighting functions. These operations are both physically and technically demanding and require specialized warfighting doctrine, training, and equipment. Mounted operations may be impossible, limited to specialized vehicles, or sharply canalized by terrain. Air and fire support may be limited by terrain and/or weather. The planning and execution of operations must consider fire support limitations, weapons employment, mountain patrol techniques, movement, control of fires, intelligence gathering, sustainment, communications and force protection. Units and personnel may require specialized training in technical climbing, military mountaineering, snow mobility, field craft, survival, CASEVAC, navigation, use of pack animals and high angle marksmanship. Medical challenges include treatment of high altitude and cold weather illness and injuries, and casualty transport in a snow covered mountainous environment. (JP 2-01.3, JP 3-59, FM 3-97.61/TC 90-6-1, FM 90-6, FM 31-70, FM 3-05-213, MCWP 3-35.1, MCWP 3-35.1A, MCWP 3-35.1B, MCWP 3-35.2, MCWP 3-35.2A, MCWP 3-35.2B)

UNCLASSIFIED



Mountain Warfare Unit Training Programs

UNCLASSIFIED



Exercise Mountain Warrior

Purpose: Exercise Mountain Warrior is conducted at and between the Mountain Warfare Training Center (MWTC) in Pickel Meadow, CA, Hawthorne Army Depot, NV, and Naval Air Station Fallon, NV. The program is designed to provide a training and selective assessment package that challenges the Marine Air Ground Task Force (MAGTF) and its subordinate elements to plan and perform critical tasks across the warfighting functions, at medium to high altitudes in complex and compartmentalized terrain and in all weather conditions, as found in the Afghanistan sub theatre. The exercise is based around a Regimental HQ and an Infantry Battalion with limited ACE and LCE units and typically includes Joint, Coalition, and Special Operations Forces operating across all three venues. The exercise affords training units the opportunity to train to all Operation Enduring Freedom mission profile MAGTF tasks, requires them to operate over a realistically scaled area of operations, and exposes them to multiple types of terrain sets found in both Regional Commands South and East.



UNCLASSIFIED

MCMMWIC Training Complete

B-17



NAS
Fall

-53 mi

Ryan Canyon

Polaris

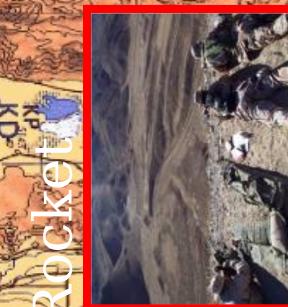
Lucky Boy

~60 mi

~90 mi

HWAD

SWEETWATER AIRSTRIP



UNCLASSIFIED



Exercise Mountain Warrior Phases

- Phase I: Formal Schools Training (Non-inclusive; Block I)
- Phase II: Pre-Environmental, Mountain Mobility & Mountain Operations Staff Planning Course Training
- Phase III: Company Lanes, Mission Rehearsal Exercise Training with Critical Events
- Phase IV: MAGTF FEX with OEF Critical Events OEF

Note: Phases III-IV are in multiple venues (MCMWTC, HWAD, FALLON)



21 day (summer) and 23 day (winter)
training package for OEF bound
battalions

UNCLASSIFIED



Mountain Warrior

Marine Corps

Tasks

- MCT 1.1.2 Provide Task Organized Forces
- MCT 1.3.3.3 Conduct Aviation Ops from Expeditionary Sites
- MCT 1.3.4 Conduct Assault Support Ops
- MCT 1.3.4.1 Conduct Combat Assault Transport
- MCT 1.4.1 Conduct Mobility Operations
- MCT 1.4.1.5 Conduct Clearance Operations
- MCT 1.6.1 Conduct Offensive Operations
- MCT 1.6.1.1 Conduct a Movement to Contact
- MCT 1.6.3.1.11 Interdict an Enemy Force
- MCT 1.6.3.2.3 Occupy an area
- MCT 1.6.4 Conduct Defensive Operations
- MCT 1.6.6.9 Conduct Stability Operations
- MCT 1.6.8 Conduct Counter-Insurgency (COIN)
Operations
- MCT 1.8.3 Conduct Sensitive Site Exploitation
- MCT 2.2 Collect Data and Intelligence
- MCT 2.2.9 Conduct Reconnaissance and
Surveillance
- MCT 2.2.5.2 Conduct Air Reconnaissance
- MCT 3.2 Attack Targets
- MCT 3.2.3.1 Conduct Offensive Air Support
- MCT 4.6.3 Provide Airfield Operation Services
- MCT 5.2 Prepare Plans and Orders
- MCT 5.3.1.2 Exercise Tactical Command and Control
- MCT 5.3.3.3 Establish Forward Operating Services
- MCT 5.5.1 Integrate and Operate with Joint/
Combined Forces
- MCT 6.1.1 Conduct Active Security
- MCT 6.1.1.3 Conduct Base Defense

Note: Exercise Mountain Warrior tasks are tailorable to each training unit's mission and where it is in their pre-deployment training program. The exercise planning conferences afford training units the opportunity to drive training design.

UNCLASSIFIED

Mountain Warrior Timeline

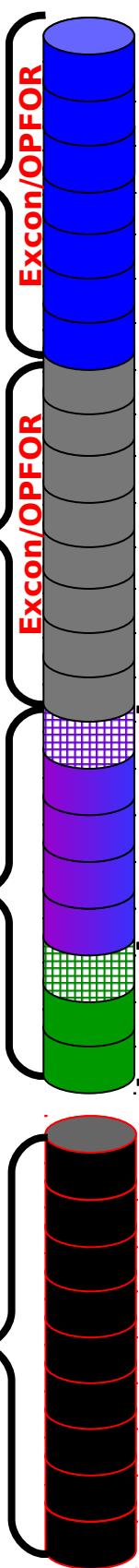
21 (summer) and 23 (winter) Day Block III Package

Phase II
Phase III
Phase IV

BN FEX

Pre -Environmental! Company MRX

Phase I
Formal Schools



- Summer Mountain Leader Course
- Winter Mountain Leader Course
- Mountain Scout Sniper Course
- Mountain Medical Course
- Cold Weather Medical Course
- Animal Packer Course
- Mountain Ops Staff Planning Course
- Mountain Communications Course
- Mountain Survival Course

UNCLASSIFIED

PET

- Mountain/Cold Weather Leadership
- Avalanche Search Procedures
- Squad Tent & Stove
- Snowshoe Movement
- Camouflage, Cover & Concealment
- Land Navigation
- Move Over Snow Covered Terrain
- Negotiate Snow and Ice
- Covered Obstacles
- Bivouac Routine
- CASEVAC
- Sled Employment
- Movement Over Rough Terrain
- Stream Crossing
- Survival Diet
- Rope Management
- Survival Fires
- Water Procurement
- Expedient Shelters
- Survival Navigation
- Survival Signaling
- Wpns and Optics Considerations
- Nav in the Mountains

BMT

- Conduct a Casualty
- Process a Casualty
- Conduct a Link Up
- Conduct a Raid
- Immediate Action Against
- Bk Ambush During Motor March
- Conduct Heavy Machinegun Off
- Take Immediate Action Against
- Unblk Amb During a Convoy
- Conduct Atk (Live)
- Conduct a Night Atk (Live)
- Conduct Security Ops
- Conduct Urban Ops
- Conduct C2
- Conduct Maneuver
- Conduct Sustainment
- Conduct Fire Planning
- Conduct Force Protection
- Clear an Area of Insurgents
- Hold an Area Cleared of Insurgents
- Employ C4

Regt/SPMAGTF

- Conduct Staff Planning
- React to Mtg Engagement
- Conduct Attack
- Conduct Intel
- Operate the FSCC
- Conduct Fire Spt Coord
- Conduct Tactical Logistics
- Conduct MOUT Ops
- Conduct MOUT Ops
- Establish Comms
- Conduct CP Ops
- Conduct COC Ops
- Conduct Orders Process
- Conduct Planning
- Conduct Offensive Ops
- Conduct Heli/Tilt Rotor Ops
- Conduct Intel Planning/Ops
- Conduct Fire Spt Planning
- Conduct Fire Spt Coord
- Conduct Deliberate Tgting
- Conduct Logistic Planning
- Conduct Service Spt
- Conduct Convoy Ops
- Conduct Force Protection
- Clear an Area of Insurgents
- Hold an Area Cleared of Insurgents
- Employ C4



FY 2011 Exercise Mountain Warrior Schedule

M.W	Start Date	Finish Date
MW 1-11	30 Oct 10	19 Nov 10
MW 2-11	21 Jan 11	12 Feb 11
MW 3-11	5 Mar 11	27 Mar 11
MW 4-11	7 Apr 11	29 Apr 11
MW 5-11	7 May 11	27 May 11
MW 6-11	7 Jun 11	27 Jun 11
MW 7-11	12 Jul 11	1 Aug 11
MW 8-11	26 Aug 11	15 Sep 11

UNCLASSIFIED



Mountain Viper

This program is to provide Embedded Training Teams and Regional Corps Advisory Command teams to perform critical tasks, at medium to high altitudes in complex and compartmentalized terrain and in all weather conditions, as found in the Afghanistan sub theatre. Operations are conducted over a realistically scaled area of operations, and expose them to multiple types of terrain sets found in both Regional Commands South and East and prepares them for follow on training at Advisor Training Group.

- 10 day training package designed for OEF bound ETT's
 - Phase I: Formal Schools Training (Non-inclusive; Block I)
 - Phase II: Pre-Environmental, Mountain Mobility Mountain Operations Staff Planning Course Training
 - Phase III: RCAC & ETT Lanes, Mission Rehearsal Exercise Training with OEF Critical Events
- Scenario based exercise focused on infantry TTP's in complex and compartmentalized terrain in all weather and at medium to high altitude
- Mature COIN scenario



- MET 1 - Advise Foreign Security Forces
- MET 2 - Protect the Team
- MET 3 - Sustain the Team
- MET 4 - Command and Control
- MET 5 - Operate a COC
- MET 6 - Conduct Planning
- MET 7 - Conduct Operations in Mountainous Terrain
- MET 8 - Conduct Defensive Operations
- MET 9 - Conduct Security Operations

UNCLASSIFIED



Javelin Thrust

This program is designed around a Marine Forces Reserve Large Scale Exercise (LSE). It provides a training and selective assessment package that challenges Marine Air Ground Task Force (MAGTF) elements to plan and perform critical tasks across the warfighting functions, at medium to high altitudes in complex and compartmentalized terrain and in all weather conditions, as found in the Afghanistan sub theatre. The exercise affords training units the opportunity to train to all Operation Enduring Freedom mission profile MAGTF tasks, to operate over a realistically scaled area of operations, and to conduct operations in multiple types of terrain sets found in both Regional Commands South and East.

- 14 day training package designed for reserve units
- Modified Mountain Warrior
- Conducted in June of each year
- Combined conventional threat and mature COIN scenario
- Balance core competency training with Theater Security Cooperation participation and other taskings
- Link participating units with the Force Generation Model

UNCLASSIFIED



Reconnaissance Block IV MRX

This program is under development and is designed to provide USMC Reconnaissance (Recon) Battalions (Bns) with a validated and MARCENT accredited Recon Mission Essential Task (MET) and Training and Readiness (T&R) based pre-deployment Block IV Mission Rehearsal Exercise (MRX). This MRX will allow the Recon Bns to integrate with conventional forces and Special Operations Forces (SOF) during exercise Mountain Warrior (MW). This MRX will assess Recon Bns in the performance of Recon tasks in a challenging environment to include complex, compartmentalized, and mountainous terrain in support of deployments to Operation Enduring Freedom (OEF).

28 day (summer) 29 day (winter) Block IV training for OEF bound Reconnaissance Battalions

- Phase I: Pre-Environmental, Mountain Mobility & MOSPC Training
- Phase II: Lane Training, Live Fire, and Counter I.E.D. Lane
- Phase III: Battle Space Shaping
- Phase IV: Bn FEX with OEF Critical Events

Note: Phases II-IV are in multiple venues (MCMWTC, HWAD, FALLON)

Reconnaissance Block IV MRX Marine Corps Tasks

- MCT 1.1.2 Provide Task Organized Forces
- MCT 2.7 Conduct Ground Reconnaissance
- MCT 3.2.7 Conduct Battle Space Shaping Operations
- MET 5 MCT 1.6.1.3 Conduct Raid
- MET 6 MCT 1.9 Conduct Specialized Insertion and Extraction

UNCLASSIFIED



Mountain Warfare Formal Schools

UNCLASSIFIED



Mountain Warfare Formal Schools Course

- Summer Mountain Leaders Course
- Winter Mountain Leaders Course
- Mountain Scout Sniper Course
- Mountain Medical Course
- Cold Weather Medical Course
- Animal Packer Course
- Mountain Ops Staff Planning Course
- Mountain Survival Course
- Mountain Communications Course
- Mountain Engineer Course
- Mountain Mortar Course

Mountain Machine Gun Course



Note: All courses have been revised over the last two years and have current TECOM approved programs of instruction. Traditional mountain techniques and procedures have been incorporated into contemporary tactical scenarios.

UNCLASSIFIED



Summer Mountain Leaders Course

The Summer Mountain Leaders Course is designed to train Marines to become subject matter experts in mountain and alpine operations. These advanced technical skills enable movement, control of fires, intelligence gathering, sustainment, and force protection in highly complex rock and glaciated terrain.



- Conducted three times a year
- 36 Training Days
- Minimum Class Size - 22 students
- Maximum Class Size - 45 students
- Sgt-Capt; Combat Arms MOS



UNCLASSIFIED

Summer Mountain Leaders Course

Training Tasks



- MW-AVAL-2021 Identify Avalanche Terrain
- MW-C2-2035 Apply mountain command and control planning considerations
- MW-CLEQ-2041 Employ personal clothing and equipment
- MW-CLEQ-2042 Pack for movement
- MW-CLEQ-2047 Manage a Marine Assault Climbers Kit (MACK)
- MW-CLMB-2050 Perform friction belay
- MW-CLMB-2051 Conduct a balance climb
- MW-CLMB-2052 Conduct a top rope climb
- MW-CLMB-2055 Negotiate snow/ice covered terrain
- MW-CLMB-2056 Perform mechanical belay
- MW-CLMB-2060 Conduct a lead climb
- MW-CLMB-2061 Lead climb using aid climbing techniques
- MW-CLMB-2062 Perform a vertical rescue
- MW-CLMB-2063 Conduct a lead climb on steep earth
- MW-CLMB-2064 Manage a fixed rope installation
- MW-CLMB-2066 Record cliff data
- MW-CLMB-2069 Conduct a steep snow/ice climb
- MW-CLMB-2070 Conduct a multi-pitch climb
- MW-ENVR-2115 Overcome leadership challenges
- MW-ENVR-2116 Implement the principles of mountain safety
- MW-ENVR-2117 Implement the principles of mountain health awareness
- MW-ENVR-2122 Field forecast weather
- MW-ENVR-2123 Determine terrain accessibility
- MW-ENVR-2124 Develop operational risk management (ORM) for mountain/cold weather training
- MW-FIRE-2130 Apply fire support planning considerations for mountain warfare operations

- MW-FP-2135 Apply force protection consideration warfare operations
- MW-INT-2165 Apply intelligence planning considerations for mountain warfare operations
- MW-MOVE-2171 Conduct field expedient navigation
- MW-MOVE-2172 Move over mountainous terrain
- MW-MOVE-2178 Evacuate a casualty
- MW-MOVE-2179 Move over glaciated terrain
- MW-MOVE-2184 Navigate in the mountains
- MW-MOVE-2188 Manage a water obstacle crossing site
- MW-MOVE-2195 Conduct crevasse rescue training
- MW-MOVE-2196 Apply maneuver planning considerations for mountain warfare operations
- MW-SURV-2210 Prepare for survival
- MW-SURV-2212 Construct survival fires
- MW-SURV-2213 Procure water
- MW-SURV-2214 Construct an expedient survival shelter
- MW-SURV-2222 Navigate in a survival situation
- MW-SURV-2223 Perform survival signalling
- MW-SUST-2230 Apply logistical planning considerations for mountain warfare operations MW-TRST-2235 Employ ropes
- MW-TRST-2241 Cross a high-tension rope installation
- MW-TRST-2247 Conduct knot tying drills
- MW-TRST-2249 Employ rock protection
- MW-TRST-2250 Construct an anchor
- MW-TRST-2253 Manage a rappel site
- MW-TRST-2254 Tension a rope using mechanical advantage
- MW-TRST-2255 Employ a height-gaining device
- MW-TRST-2256 Manage a high-tension rope installation
- MW-TRST-2257 Manage a raising/lowering system
- MW-TRST-2259 Employ permanent rock protection

UNCLASSIFIED



Winter Mountain Leaders Course

The Winter Mountain Leaders Course is designed to train Marines to become subject matter experts in cold weather operations. These advanced technical skills enable movement, command and control, and execution of fires, intelligence gathering, sustainment, and force protection in complex snow and ice covered terrain.

- Conducted twice a year
- 36 Training Days
- Minimum Class Size - 22 students
- Maximum Class Size - 45 students
- Sgt-Capt; Combat Arms MOS



UNCLASSIFIED

Winter Mountain Leaders Course

Training Tasks



- 0321-M16-1009 Engage targets at the sustained rate with a service rifle/carbine
 - MW-AVAL-2021 Identify avalanche terrain
 - MW-AVAL-2022 Conduct an avalanche search
 - MW-AVAL-2023 Assess avalanche terrain
 - MW-AVAL-2026 Operate an electronic search device for a single burial
 - MW-C2-2035 Apply mountain command and control planning considerations
 - MW-CLEQ-2041 Employ personal clothing and equipment
 - MW-CLEQ-2042 Pack for movement
 - MW-CLEQ-2043 Employ the Marine Cold Weather Infantry Kit (MCWIK) system
 - MW-CLEQ-2044 Employ cold weather tent system
 - MW-CLEQ-2048 Maintain ski equipment
 - MW-CLMB-2050 Perform friction belay
 - MW-CLMB-2056 Perform mechanical belay
 - MW-CLMB-2067 Negotiate alpine ice/neve snow terrain
 - MW-COMM-2081 Conduct communication planning for mountainous terrain
 - MW-ENVR-2115 Overcome leadership challenges
 - MW-ENVR-2116 Implement the principles of mountain safety
 - MW-ENVR-2117 Implement the principles of mountain health awareness
 - MW-ENVR-2119 Apply snow-covered concealment techniques
 - MW-ENVR-2122 Field forecast weather
 - MW-ENVR-2123 Determine terrain accessibility
- MW-FIRE-2130 Apply fire support planning considerations for mountain warfare operations
 - MW-FP-2135 Apply force protection planning considerations for mountain warfare operations
 - MW-INT-2165 Apply intelligence planning considerations for mountain warfare operations
 - MW-MOVE-2173 Employ snow shoes
 - MW-MOVE-2174 Employ skis
 - MW-MOVE-2176 Negotiate a snow/ice covered water obstacle
 - MW-MOVE-2177 Bivouac in a snow covered environment
 - MW-MOVE-2178 Evacuate a casualty
 - MW-MOVE-2181 Perform skijoring
 - MW-MOVE-2182 Employ a sled
 - MW-MOVE-2196 Apply maneuver planning considerations for mountain warfare operations
 - MW-SURV-2210 Prepare for survival
 - MW-SURV-2212 Construct survival fires
 - MW-SURV-2213 Procure water
 - MW-SURV-2214 Construct an expedient survival shelter
 - MW-SURV-2217 Construct expedient survival implements for mountain warfare operations
 - MW-SURV-2222 Navigate in a survival situation
 - MW-SURV-2223 Perform survival signaling
 - MW-SUST-2230 Apply logistical planning considerations for mountain warfare operations
 - MW-TRST-2235 Employ ropes
 - MW-TRST-2247 Conduct knot tying drills
 - MW-TRST-2250 Construct an anchor

UNCLASSIFIED



Mountain Command, Control and Communications Course

The Mountain Command, Control and Communications Course is designed to train communicators in the employment of communications assets in a mountainous environment under all weather conditions. Instruction is provided in wave theory and propagation, field expedient antennas, and retransmission operations, and the advantages/disadvantages of various radio equipment.



- Conducted eight times a year
- 15 Training Days
- Minimum Class Size - 28 students
- Maximum Class Size - 50 students
- Not limited to communicators

Training Tasks

- MW-CLEQ-2041 Employ personal clothing and equipment
- MW-CLEQ-2042 Pack for movement
- MW-COMM-2081 Conduct communication planning for mountainous terrain
- MW-COMM-2082 Manage communications
- MW-COMM-2083 Construct field expedient antennas
- MW-COMM-2084 Install a tactical antenna in mountainous terrain
- MW-COMM-2085 Navigate with a Global Positioning System (GPS)
- MW-COMM-2086 Operate a tactical man pack radio system
- MW-ENVR-2116 Implement the principles of mountain safety
- MW-ENVR-2117 Implement the principles of mountain health awareness
- MW-ENVR-2118 Assess the weather
- MW-MOVE-2172 Move over mountainous terrain
- MW-MOVE-2173 Employ snow shoes
- MW-MOVE-2177 Bivouac in a snow covered environment
- MW-MOVE-2178 Evacuate a casualty
- MW-SURV-2212 Construct survival fires
- MW-SURV-2213 Procure water
- MW-SURV-2214 Construct an expedient survival shelter
- MW-SURV-2222 Navigate in a survival situation

UNCLASSIFIED



Mountain Operations Staff Planning Course

This course is designed to aid Marines involved in staff planning to become proficient in planning mountain warfare operations across all six warfighting functions for each MAGTF element.



- Conducted once a year
- 8 Training Days
- Minimum Class Size - 15 students
- Maximum Class Size - 40 students
- SNCOs & Officers in Command & Staff billets

Training Tasks

- MW-C2-2035 Apply mountain command and control planning considerations
- MW-CLEQ-2041 Employ personal clothing and equipment
- MW-CLEQ-2043 Employ the Marine Cold Weather Infantry Kit (MCWIK) system
- MW-ENVR-2115 Overcome leadership challenges
- MW-ENVR-2116 Implement the principles of mountain safety
- MW-ENVR-2117 Implement the principles of mountain health awareness
- MW-FIRE-2130 Apply fire support planning considerations for mountain warfare operations
- MW-FP-2135 Apply force protection planning considerations for mountain warfare operations
- MW-INT-2165 Apply intelligence planning considerations for mountain warfare operations
- MW-MOVE-2173 Employ snow shoes
- MW-MOVE-2196 Apply maneuver planning considerations for mountain warfare operations
- MW-SUST-2230 Apply logistical planning considerations for mountain warfare operations

UNCLASSIFIED



Mountain Scout Sniper Course

The Mountain Scout Sniper Course is designed to train Scout Snipers to be tactically and technically proficient in a mountainous environment. Course subjects include: High Angle fire with the M40A3 sniper rifle, M82A3 Special Application Scoped Rifle (SASR) and M16A2 service rifle; combat marksmanship with the M9 service pistol; range estimation; determining slope angle and flat line distance; effects of vertical and angular distortion; effects of elevation; and effects of extreme weather. Instruction in field craft includes stalking and concealment techniques in a mountainous environment, man tracking, counter-tracking, over snow mobility, mountain communications, and mountain survival.

- Conducted six times a year
- 17 Training Days
- Minimum Class Size - 8 students
- Maximum Class Size - 24 students
- Primary or Billet MOS of 0317



Training Tasks

- MCCS-IND-1005 Maintain physical fitness
- MW-CLEQ-2042 Pack for movement
- MW-CLMB-2051 Conduct a balance climb
- MW-CLMB-2053 Conduct a fixed lane climb
- MW-CLMB-2066 Record cliff data
- MW-ENVR-2118 Assess the weather
- MW-ENVR-2120 Resolve leadership challenges
- MW-MOVE-2173 Employ snow shoes
- MW-MOVE-2174 Employ skis
- MW-MOVE-2175 Negotiate a water obstacle
- MW-MOVE-2184 Navigate in the mountains
- MW-SURV-2224 Perform tracking
- MW-TRST-2236 Tie knots
- MW-TRST-2237 Tie hitches
- MW-TRST-2238 Tie an improvised harness
- MW-TRST-2243 Conduct a rappel
- MW-TRST-2246 Manage employment of ropes
- 0300-M16-1026 Engage targets with the service rifle/carbine at unknown distances
- 0300-M9-2003 Engage targets with the service pistol
- 0317-MARK-2003 Engage targets at an angle
- 0321-M16-1009 Engage targets at the sustained rate with a service rifle/carbine
- MW-CLEQ-2041 Employ personal clothing and equipment
- MW-ENVR-2116 Implement the principles of mountain safety
- MW-ENVR-2117 Implement the principles of mountain health awareness
- MW-ENVR-2120 Resolve leadership challenges
- MW-SURV-2214 Construct an expedient survival shelter
- MW-SURV-2224 Perform tracking

UNCLASSIFIED



Mountain Medicine Course

The Mountain Medicine Course is designed to give the students the knowledge to move a casualty in a summer mountainous environment without vehicle or air support; to become a proficient medical provider in a cold weather, high altitude environment; and to plan and conduct medical operations in a high altitude, summer mountain environment.

- Conducted four times a year
- 12 Training Days
- Minimum Class Size - 10 students
- Maximum Class Size - 40 students
- Not limited to medical personnel



Training Tasks

- FMST-EVAC-2714 Conduct cold weather CASEVAC
- FMST-FP-2722 Perform cold weather preventative medicine
- FMST-HSS-2701 Apply the principles of nutrition in a mountainous environment
- FMST-HSS-2703 Manage common cold weather injuries in a cold weather environment
- FMST-HSS-2704 Manage a hypothermia casualty
- FMST-HSS-2705 Manage a submersion incident casualty
- FMST-HSS-2706 Manage high altitude health problems
- MW-ANPK-2006 Perform first aid on an injured animal
- MW-AVAL-2021 Identify avalanche terrain
- MW-CLEQ-2041 Employ personal clothing and equipment
- MW-CLEQ-2042 Pack for movement
- MW-CLMB-2052 Conduct a top rope climb
- MW-CLMB-2056 Perform mechanical belay
- MW-ENVR-2115 Overcome leadership challenges
- MW-ENVR-2116 Implement the principles of mountain safety
- MW-ENVR-2122 Field forecast weather
- MW-MOVE-2188 Manage a water obstacle crossing site
- MW-TRST-2235 Employ ropes
- MW-TRST-2247 Conduct knot tying drills
- MW-TRST-2250 Construct an anchor
- MW-TRST-2253 Manage a rappel site
- MW-TRST-2256 Manage a high-tension rope installation
- MW-TRST-2257 Manage a raising/lowering system

UNCLASSIFIED



Cold Weather Medicine Course

The Cold Weather Medicine Course is designed to give the students the knowledge needed to support their units in a cold weather, mountainous environment. This course of instruction is designed to bring the students to a high standard of technical, tactical and medical proficiency peculiar to a cold weather environment

- Conducted four times a year
- 12 Training Days
- Minimum Class Size - 10 students
- Maximum Class Size - 50 students
- Not limited to medical personnel



Training Tasks

- FMST-EVAC-2714 Conduct cold weather CASEVAC
- FMST-FP-2722 Perform cold weather preventive medicine
- FMST-HSS-2701 Apply the principles of nutrition in a mountainous environment
- FMST-HSS-2702 Perform patient assessment in a mountainous environment
- FMST-HSS-2703 Manage common cold weather injuries in a cold weather environment
- FMST-HSS-2704 Manage a hypothermia casualty
- FMST-HSS-2705 Manage a submersion incident casualty
- FMST-HSS-2706 Manage high altitude health problems
- MW-AVAL-2021 Identify avalanche terrain
- MW-CLEQ-2041 Employ personal clothing and equipment
- MW-CLEQ-2042 Pack for movement
- MW-CLEQ-2043 Employ the Marine Cold Weather Infantry Kit (MCWIK) system
- MW-CLEQ-2044 Employ the cold weather tent system
- MW-ENVR-2115 Overcome leadership challenges
- MW-ENVR-2116 Implement the principles of mountain safety
- MW-MOVE-2173 Employ snow shoes
- MW-MOVE-2174 Employ skis
- MW-MOVE-2182 Employ a sled

UNCLASSIFIED



Animal Packers Course

The Animal Packers Course is designed to aid Marines to become more effective in a mountainous environment utilizing alternative methods for transporting crew served weapons, ammunition, supplies, and wounded personnel to and from areas inaccessible to motorized/ mechanized and air mobile transportation.

- Conducted eight times a year
- 12 Training Days
- Minimum Class Size - 12 students
- Maximum Class Size - 48 students
- No course pre-requisites



Training Tasks

- MW-ANPK-2001 Perform the duties of the packmaster
- MW-ANPK-2003 Perform the duties of the handler
- MW-ANPK-2004 Select a pack animal for military operations
- MW-ANPK-2005 Employ tack required for animal packing
- MW-ANPK-2006 Perform first aid on an injured animal
- MW-ANPK-2007 Distribute the weight on a pack animal
- MW-ANPK-2008 Secure a load to a pack animal
- MW-ANPK-2009 Prepare a CASEVAC saddle
- MW-ANPK-2010 Negotiate obstacles with pack animals
- MW-ANPK-2011 Establish a bivouac site with a pack string
- MW-ANPK-2012 Employ a pack animal
- MW-ANPK-2013 Plan for the employment of pack animals

UNCLASSIFIED



Mountain Survival Course

The Mountain Survival Course is designed to teach Marines necessary survival techniques in order to prevail in a mountainous environment. Skills taught are: expedient fires, expedient shelters, signaling devices, food and water procurement, primitive tool and weapons construction, navigation and other survival techniques. Great emphasis is placed on mental attitude as the key to survival. Students are placed in a high-stress situation and apply survival skills in groups and individually.

- Conducted once a year
- 20 Training Days
- Minimum Class Size - 12 students
- Maximum Class Size - 44 students
- No course pre-requisites



Training Tasks

- MCCS-IND-1005 Maintain physical fitness
- MW-CLEQ-2041 Employ personal clothing and equipment
- MW-CLEQ-2042 Pack for movement
- MW-ENVR-2115 Overcome leadership challenges
- MW-ENVR-2116 Implement the principles of mountain safety
- MW-ENVR-2117 Implement the principles of mountain health awareness
- MW-ENVR-2122 Field forecast weather
- MW-MOVE-2172 Move over mountainous terrain
- MW-MOVE-2175 Negotiate a water obstacle
- MW-SURV-2210 Prepare for survival
- MW-SURV-2211 Construct a personal survival kit
- MW-SURV-2212 Construct survival fires
- MW-SURV-2213 Procure water
- MW-SURV-2214 Construct an expedient survival shelter
- MW-SURV-2215 Acquire game
- MW-SURV-2216 Procure fish
- MW-SURV-2217 Construct expedient survival implements
- MW-SURV-2218 Subsist on plants
- MW-SURV-2219 Subsist on insects
- MW-SURV-2220 Prepare food for consumption
- MW-SURV-2221 Apply survival medicine techniques
- MW-SURV-2222 Navigate in a survival situation
- MW-SURV-2223 Perform survival signaling
- MW-SURV-2224 Perform tracking

UNCLASSIFIED



Formal Schools

FY 11 Training

Schedules

- **Summer Mountain Leaders Course**
 - 1-11 (06 Jun 2011 - 15 Jul 2011)
 - 2-11 (01 Aug 2011 - 09 Sep 2011)
 - 3-11 (19 Sep 2011 - 24 Oct 2011)
- **Winter Mountain Leaders Course**
 - 1-11 (10 Jan 2011 - 19 Feb 2011)
 - 2-11 (14 Mar 2011 - 22 Apr 2011)
- **Mountain Command, Control and Communications Course**
 - 1-11 (04 Oct 2010 - 19 Oct 2010)
 - 2-11 (10 Jan 2011 - 25 Jan 2011)
 - 3-11 (14 Feb 2011 - 01 Mar 2011)
 - 4-11 (23 May 2011 - 09 Jun 2011)
 - 5-11 (27 Jun 2011 - 14 Jul 2011)
 - 6-11 (05 Sep 2011 - 22 Sep 2011)
- **Mountain Operations Staff Planners Course**
 - 1-11 (11 Apr 2010 - 18 Apr 2011)
- **Cold Weather Medicine**
 - 1-11 (10 Jan 2011 - 21 Jan 2011)
 - 2-11 (14 Feb 2011 - 25 Feb 2011)
 - 3-11 (14 Mar 2011 - 25 Mar 2011)
 - 4-11 (11 Apr 2011 - 22 Apr 2011)



- **Mountain Scout Sniper Course**
 - 1-11 (04 Oct 2010 - 21 Oct 2010)
 - 2-11 (10 Jan 2011 - 27 Jan 2011)
 - 3-11 (14 Mar 2011 - 31 Mar 2011)
 - 4-11 (23 May 2011 - 09 Jun 2011)
 - 5-11 (27 Jun 2011 - 14 Jul 2011)
 - 6-11 (05 Sep 2011 - 22 Sep 2011)
- **Animal Packer Course**
 - 1-11 (04 Oct 2010 - 19 Oct 2010)
 - 2-11 (10 Jan 2011 - 25 Jan 2011)
 - 3-11 (14 Feb 2011 - 01 Mar 2011)
 - 4-11 (14 Mar 2011 - 29 Mar 2011)
 - 5-11 (23 May 2011 - 07 Jun 2011)
 - 6-11 (27 Jun 2011 - 12 Jul 2011)
 - 7-11 (25 Jul 2011 - 09 Aug 2011)
 - 8-11 (05 Sep 2011 - 20 Sep 2011)
- **Mountain Survival Course**
 - 1-11 (14 Feb 2011 - 05 Mar 2011)
 - 2-11 (25 Jul 2011 - 13 Aug 2011)
- **Mountain Medicine**
 - 1-11 (23 May 2011 - 03 Jun 2011)
 - 2-11 (27 Jun 2011 - 08 Jul 2011)
 - 3-11 (25 Jul 2011 - 05 Aug 2011)
 - 4-11 (05 Sep 2011 - 16 Sep 2011)



UNCLASSIFIED



Joint National Training Capability (JNTC)



Emphasis is placed on the Mountain Warrior Exercise integration of Joint, Coalition, and Special Operations forces within the MAGTF and the Joint training context.

Conditionally Accredited (Jan 08) by JFCOM JWFC to conduct UJTL training in three task areas:

- OP 6.5.5 Integrate Host Nation Security Forces and Means (FID)
- TA 5 Exercise Command and Control
- TA 6.2 Execute Personnel Recovery Operations

Objectives:

- Incorporate SOCOM forces into all 8 *Mountain Warrior*
- Gain additional conditional accreditations
- Incorporate Mountain Operations task into UJTL



UNCLASSIFIED



Operations & Training Point of Contacts

- Operations Officer: (760) 932-1440
- Deputy Operations Officer: (760) 932-1451
- Operations Chief: (760) 932-1442
- Future Operations: (760) 932-1452
- Air Officer: (760) 932-1445
- Intelligence SNCO: (760) 932-1444
- JNTC Representative: (760) 932-1456
- Formal Schools OIC: (760) 932-1448
- Formal Schools SNCOIC: (760) 932-1666
- Unit Training Group OIC: (760) 932-1405
- Unit Training Group AOIC: (760) 932-1561
- Unit Training Group Operations Chief: (760) 932-1476

DSN: 839-XXXX

UNCLASSIFIED



“I personally believe that mountain warfare training, whether it’s conducted in the summer or the winter, is a vital ingredient for preparing the Marine I believe that mountain warfare leadership and mountain warfare skills are cardinal prerequisites to victory. If I had my choice, every battalion in the 2nd Marine Division would go through Bridgeport every year.”

General A.M. Gray, Former CMC while he was serving as the CG, 2nd Marine Division from the keynote address at the Joint Cold-Weather Conference conducted at Elverum, Norway, 9-12 March 1982



“The operational effectiveness of the Corps is founded upon the MAGTF construct—not the separate MAGTF elements. The operational and tactical synergy of the MAGTF is what makes it a flexible, effective, and feared force on the battlefield. Improving this synergy requires concrete steps that cut across the MAGTF; ***namely, developing capabilities to better operate in complex terrain, in a decentralized manner, and in the information environment.***”

Gen James T. Conway, Commandant of the Marine Corps, Marine Corps Vision and Strategy 2025, June 2008